

WET SET DOWELS TO MATCH VERTICAL REINFORCEMENT BETWEEN POUR OR AS SPECIFIED

MIN 1/2" (13mm) GYPSUM BOARD

FINISHED CONCRETE TOPPING

HOLLOW CORE PRECAST SLAB

HOLLOW CORE PRECAST SLAB

FINISH AS SPECIFIED

FINISH AS SPECIFIED

FORM PANELS c/w INSERT WEBS- CUT TO SUIT FLOOR CONNECTION- ADDITIONAL FORM SUPPORT AS REQUIRED

MASONITE BEARING PAD

HORIZ/VERT REINFORCEMENT AS PER CODE OR AS SPECIFIED (SEE NOTE 1)

DOWELS FIELD BENT AND GROUDED INTO SHEAR KEY JOINT BETWEEN PANELS AS SPECIFIED

NUDURA 12" (305mm) STANDARD FORM UNIT

MIN 1/2" (13mm) GYPSUM BOARD

NOTES:

1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM, SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18" (457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT PLACEMENT DETAILS.

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**Non-Combustible Construction - Demising Wall Intermediate Floor Connections**



Nudura Technical Support: 866-468-6299  
International: +1 705-726-9499

Detail: Nudura 12" (305mm) Form Unit, Hollow Core Precast Slab, Bearing Demising Wall

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

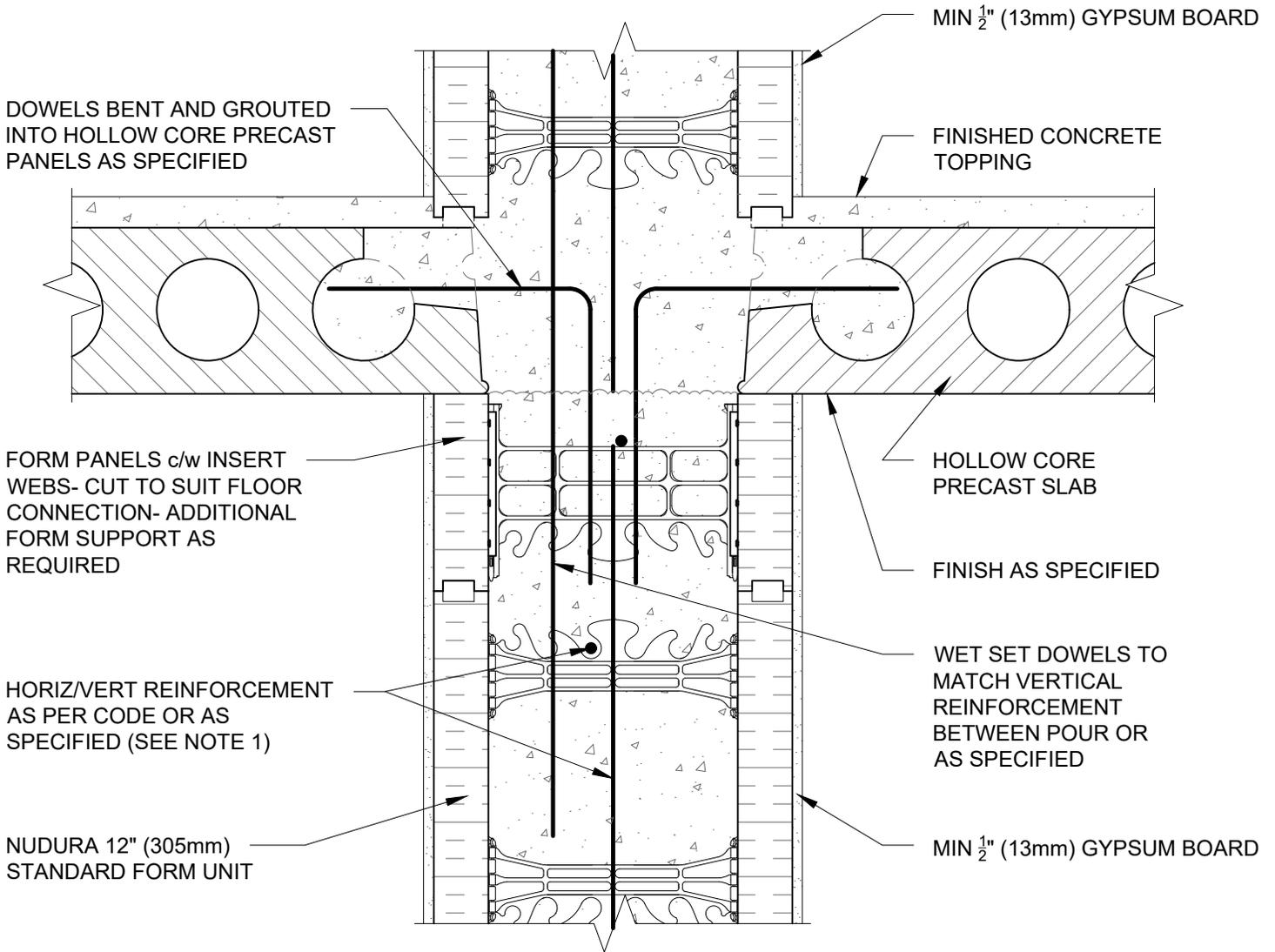
File Name:

G12A01



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NOTES:  
 1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM, SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18" (457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT PLACEMENT DETAILS.

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**Non-Combustible Construction - Demising Wall Intermediate Floor Connections**



Detail: Nudura 12" (305mm) Form Unit, Hollow Core Precast Slab, Non-Bearing Demising Wall		
Drawn by: KS	Checked by: KS	Scale: 1:8
Revision #: 01	Revised by: KAB	Date: 3/13/2024

File Name:
G12A02



NUDURA 12" (305mm)  
STANDARD FORM UNIT

ALLOW FLOOR SLAB TO REST ON  
TO BEARING WALL CONCRETE

PROPRIETARY STEEL JOIST AND  
CONNECTION SHOWN BEYOND  
TO ALLOW FOR STAGGERING OF  
THE JOISTS

MIN 1/2" (13mm) GYPSUM BOARD

FORM PANELS c/w INSERT WEBS-  
CUT TO SUIT FLOOR CONNECTION-  
ADDITIONAL FORM SUPPORT AS  
REQUIRED

EPS FOAM REMOVED AT JOIST  
LOCATIONS ONLY TO ALLOW JOIST  
PLACEMENT

PROPRIETARY STEEL  
JOIST FLOOR SYSTEM

PROPRIETARY STEEL  
JOIST FLOOR SYSTEM

HORIZ/VERT REINFORCEMENT  
AS PER CODE OR AS SPECIFIED  
(SEE NOTE 1)

CEILING FINISH AS PER STEEL  
JOIST MANUFACTURERS  
SPECIFICATION  
(SEE NOTE 2)

WET SET DOWELS TO MATCH  
VERTICAL REINFORCEMENT  
BETWEEN POUR OR AS  
SPECIFIED

MIN 1/2" (13mm) GYPSUM BOARD

NOTES:

1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM, SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18" (457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT PLACEMENT DETAILS.

2) WHERE GYPSUM BOARD IS REQUIRED TO COMPLETE FIRE RATED ASSEMBLY, EPS FOAM KERF CUT TO ENABLE CEILING FINISH TO PROVIDE THERMAL BARRIER CONTACT TO CONCRETE.

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**Non-Combustible Construction - Demising Wall Intermediate Floor Connections**



Nudura Technical Support: 866-468-6299  
International: +1 705-726-9499

Detail: Nudura 12" (305mm) Form Unit, Proprietary Steel Joist Floor System,  
Bearing Demising Wall

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

File Name:

G12B01



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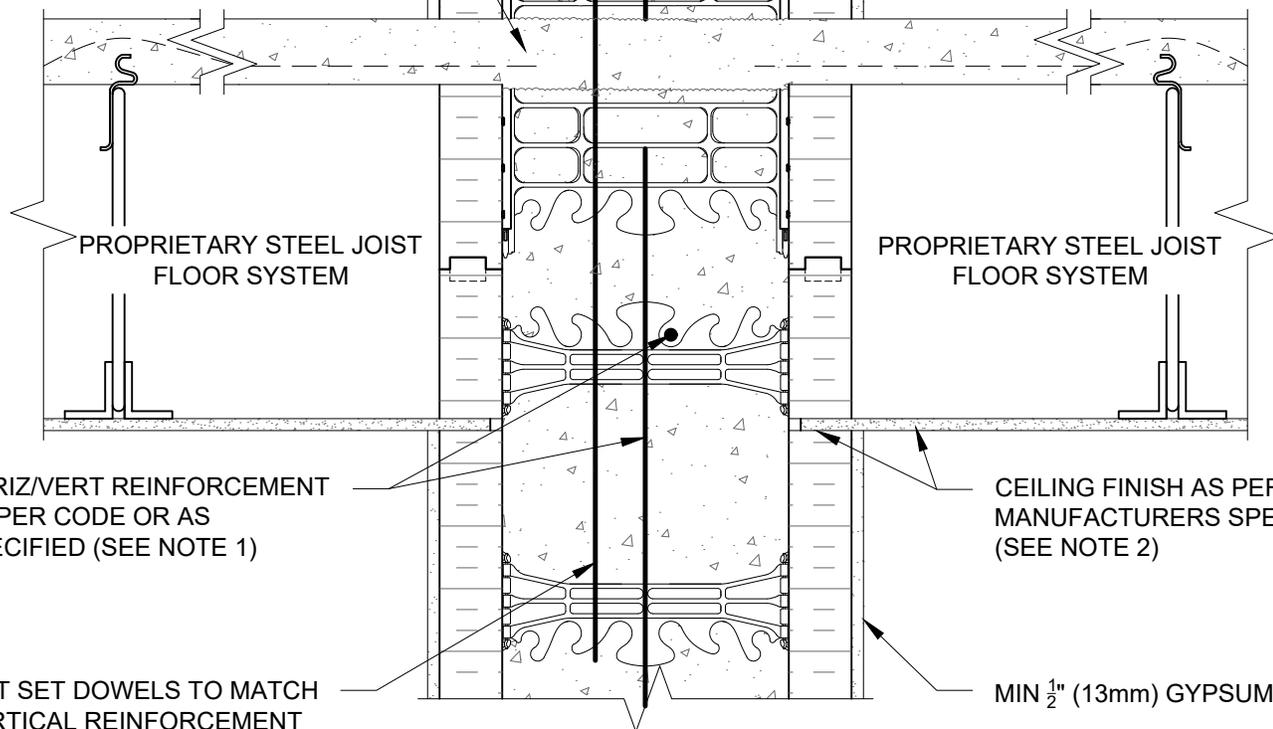
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NUDURA 12" (305mm)  
STANDARD FORM UNIT

MIN 1/2" (13mm) GYPSUM BOARD

ALLOW FLOOR SLAB TO REST ON  
TO BEARING WALL CONCRETE

FORM PANELS c/w INSERT  
WEBS- CUT TO SUIT FLOOR  
CONNECTION- ADDITIONAL  
FORM SUPPORT AS REQUIRED



HORIZ/VERT REINFORCEMENT  
AS PER CODE OR AS  
SPECIFIED (SEE NOTE 1)

CEILING FINISH AS PER STEEL JOIST  
MANUFACTURERS SPECIFICATION  
(SEE NOTE 2)

WET SET DOWELS TO MATCH  
VERTICAL REINFORCEMENT  
BETWEEN POUR OR AS  
SPECIFIED

MIN 1/2" (13mm) GYPSUM BOARD

NOTES:

1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM, SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18" (457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT PLACEMENT DETAILS.

2) WHERE GYPSUM BOARD IS REQUIRED TO COMPLETE FIRE RATED ASSEMBLY, EPS FOAM KERF CUT TO ENABLE CEILING FINISH TO PROVIDE THERMAL BARRIER CONTACT TO CONCRETE.

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**Non-Combustible Construction - Demising Wall Intermediate Floor Connections**



Nudura Technical Support: 866-468-6299  
International: +1 705-726-9499

Detail: Nudura 12" (305mm) Form Unit, Proprietary Steel Joist Floor System,  
Non-Bearing Demising Wall

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

File Name:

G12B02



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FORM PANELS c/w INSERT WEBS-CUT TO SUIT FLOOR CONNECTION- ADDITIONAL FORM SUPPORT AS REQUIRED

U BRACKET ANCHOR INSERT

GYPSUM BOARD FINISHED/FIRE STOP INSTALLED AT JOISTS AS PER CODE

COMPOSITE STEEL DECK-SLAB AND REINFORCEMENT AS SPECIFIED

OWSJ AND CONNECTION SHOWN BEYOND TO ALLOW FOR STAGGERING OF JOISTS

OWSJ

WET SET DOWELS FIELD BENT INTO SLAB AS SPECIFIED

INTERIOR INSULATION REMOVED AT JOIST LOCATIONS

WET SET DOWELS TO MATCH VERTICAL REINFORCEMENT BETWEEN POUR OR AS SPECIFIED

MIN 1/2" (13mm) GYPSUM BOARD

HORIZ/VERT REINFORCEMENT AS PER CODE OR AS SPECIFIED (SEE NOTE 1)

NUDURA 12" (305mm) STANDARD FORM UNIT

NOTES:

1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM, SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18" (457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT PLACEMENT DETAILS.

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**Non-Combustible Construction - Demising Wall Intermediate Floor Connections**



Nudura Technical Support: 866-468-6299  
International: +1 705-726-9499

Detail: Nudura 12" (305mm) Form Unit, Composite Steel Deck-Slab, Steel Joist on Bearing Demising Wall

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

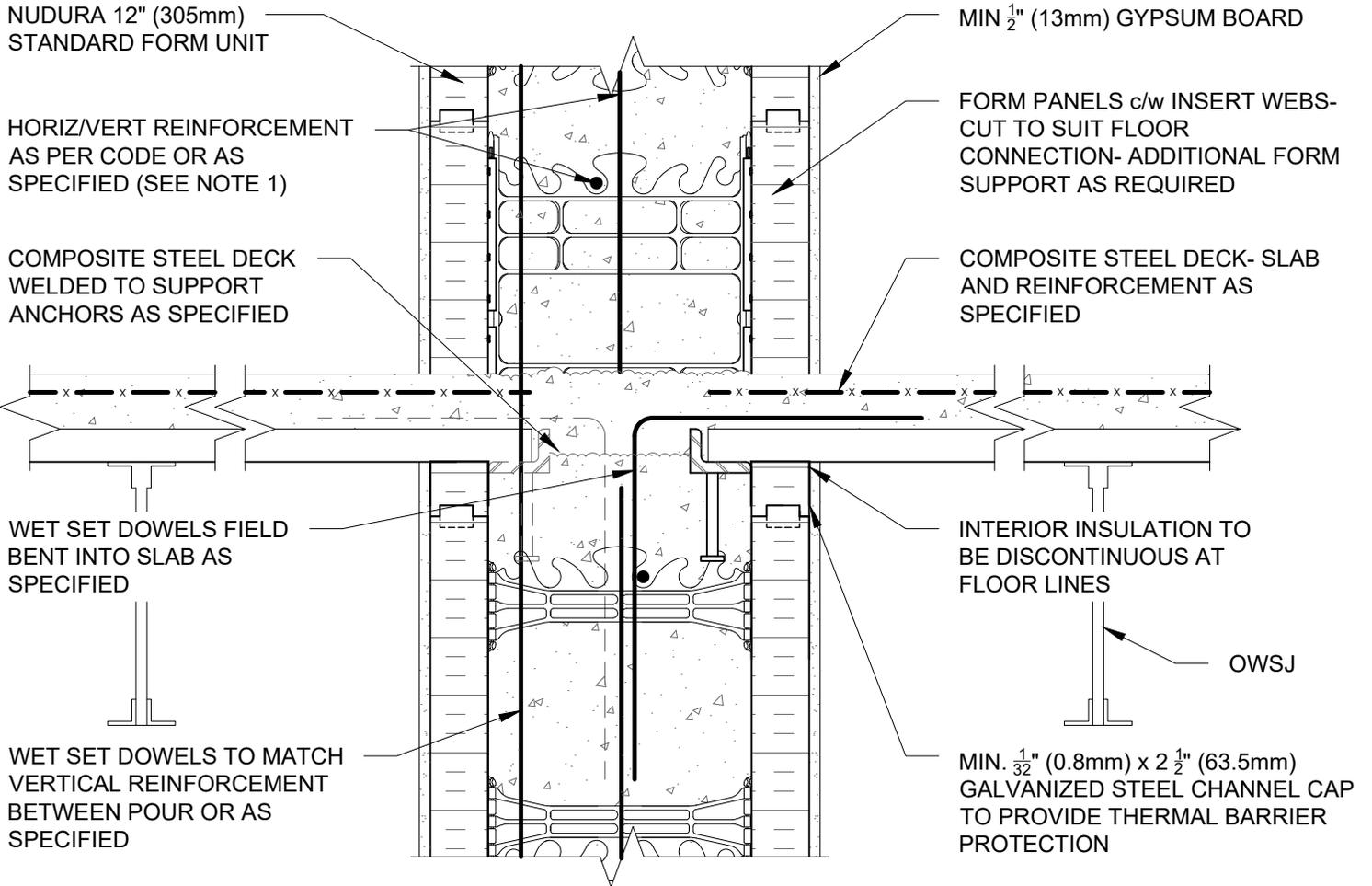
File Name:

G12C01



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NOTES:  
 1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM, SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18" (457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT PLACEMENT DETAILS.

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**Non-Combustible Construction - Demising Wall Intermediate Floor Connections**



Detail: Nudura 12" (305mm) Form Unit, Composite Steel Deck-Slab, Steel Joist on Non-Bearing Demising Wall		
Drawn by: KS	Checked by: KS	Scale: 1:8
Revision #: 01	Revised by: KAB	Date: 3/13/2024

File Name:
G12C02



NUDURA 12" (305mm)  
STANDARD FORM UNIT

MIN 1/2" (13mm) GYPSUM BOARD

HORIZ/VERT REINFORCEMENT  
AS PER CODE OR AS  
SPECIFIED (SEE NOTE 1)

INSULATED CONCRETE  
FLOOR FORM INSTALLED AS  
PER MANUFACTURERS  
SPECIFICATIONS

WET SET DOWELS FIELD  
BENT INTO SLAB AS  
SPECIFIED

THERMAL BARRIER AS PER  
FLOOR MANUFACTURERS  
SPECIFICATION

WET SET DOWELS TO MATCH  
VERTICAL REINFORCEMENT  
BETWEEN POUR OR AS  
SPECIFIED

TEMPORARY STEEL ANGLE

NUDURA 12" (305mm)  
HEIGHT ADJUSTER TIE

NOTES:  
1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM,  
SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18"  
(457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT  
MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT  
PLACEMENT DETAILS.

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**Non-Combustible Construction - Demising Wall Intermediate Floor Connections**

Detail: Nudura 12" (305mm) Form Unit, ICFS Connection, ICFS Resting on Form, Bearing Demising Wall

File Name:

Drawn by: KS

Checked by: KS

Scale: 1:8

G12D01

Revision #: 01

Revised by: KAB

Date: 3/13/2024

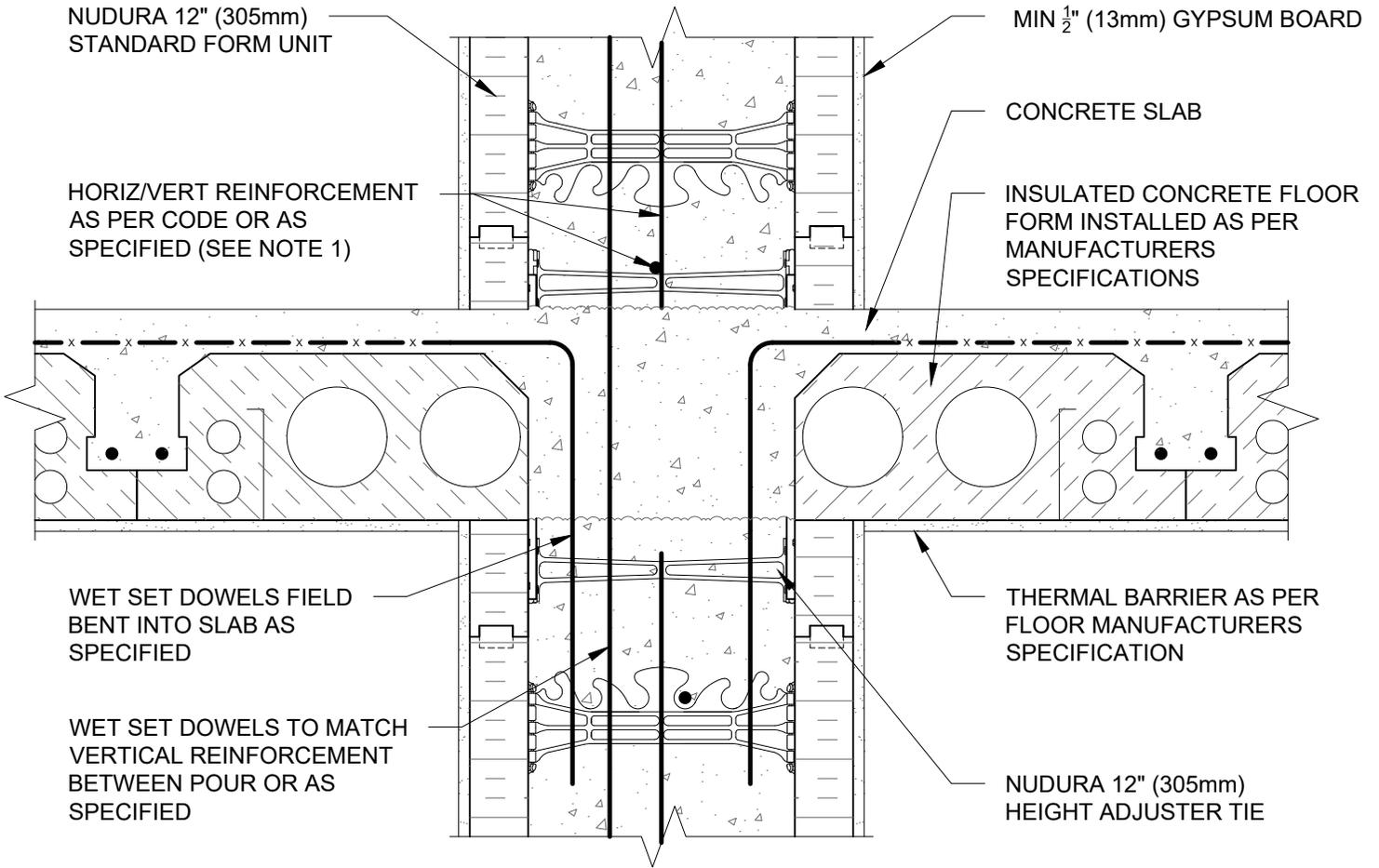


Nudura Technical Support: 866-468-6299  
International: +1 705-726-9499

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NOTES:  
 1) FOR OPTIMAL REINFORCEMENT PLACEMENT IN THE NUDURA FORM, SPACING OF HORIZONTAL REINFORCEMENT TO BE SPECIFIED AT 18" (457mm) O.C. AND VERTICAL REINFORCEMENT TO BE SPECIFIED AT MULTIPLES OF 8" (203mm) O.C. REFER TO NUDURA REINFORCEMENT PLACEMENT DETAILS.

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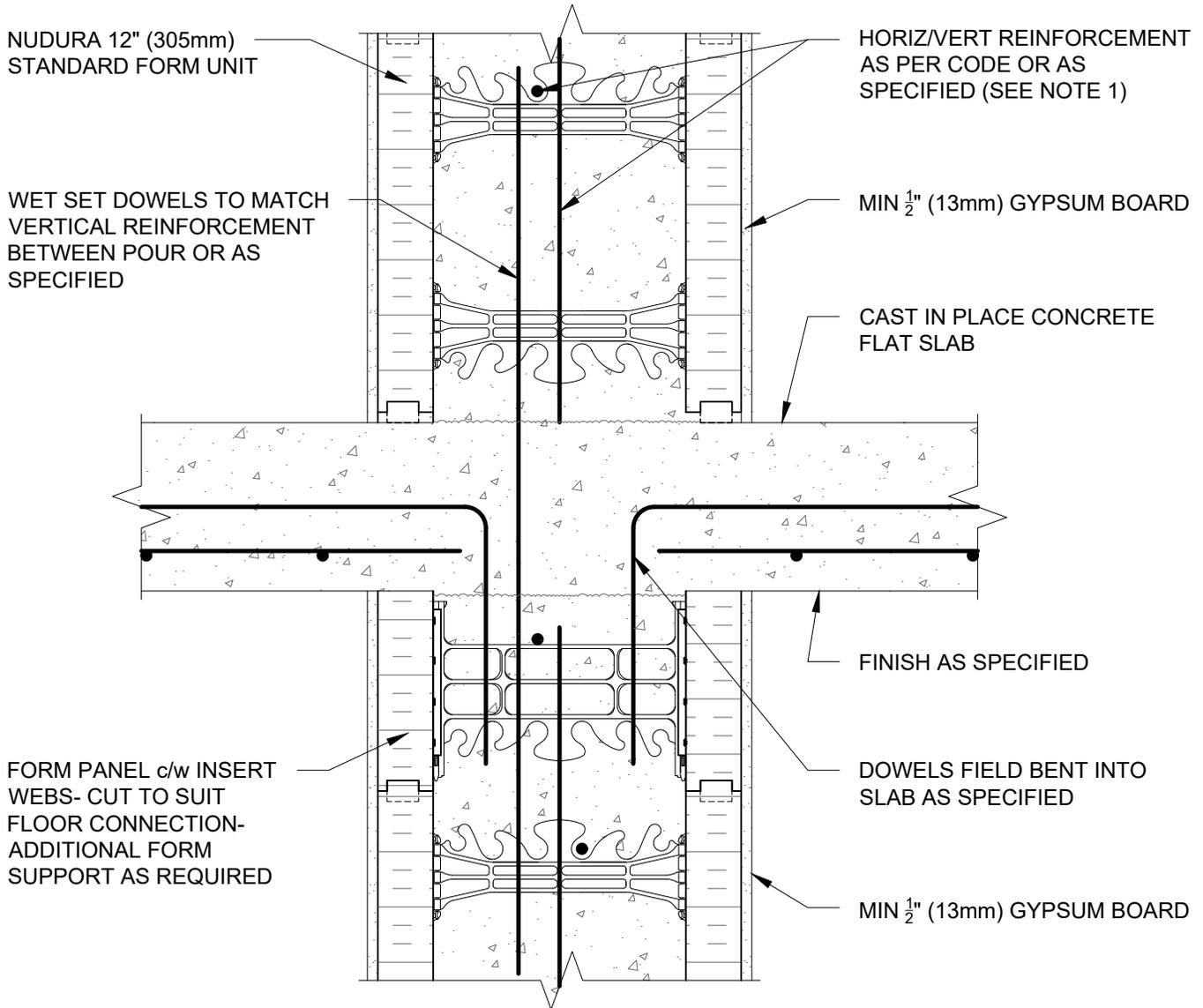
**Non-Combustible Construction - Demising Wall Intermediate Floor Connections**



Detail: Nudura 12" (305mm) Form Unit, ICFS Connection, ICFS Resting on Form, Non-Bearing Demising Wall		
Drawn by: KS	Checked by: KS	Scale: 1:8
Revision #: 01	Revised by: KAB	Date: 3/13/2024

File Name:
G12D02





NOTES:  
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**Non-Combustible Construction - Demising Wall Intermediate Floor Connections**



Nudura Technical Support: 866-468-6299  
 International: +1 705-726-9499

Detail: Nudura 12" (305mm) Form Unit, Concrete Flat Plate, Bearing Demising Wall

Drawn by: KS

Checked by: KS

Scale: 1:8

Revision #: 01

Revised by: KAB

Date: 3/13/2024

File Name:

G12E01



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